

Year 4 Nova Home Learning

Day	Writing Task	Maths Task	Line of Enquiry Task (If your child has their own ideas for a project, feel free to let them be creative and follow that 'line of enquiry' too)									
1	<p>Please remember to practise your spellings and joined handwriting every day. Read quietly or aloud for at least 30 minutes each day too.</p> <p>For every lesson of English you can choose to base it on a favourite book or if not, use ideas from Leon and the Place Between that we have looked at in VIPERS lesson.</p> <p><u>LO: To draw a story map.</u></p> <p>Using pictures and key words, draw a story map or comic strip to map out the key events of your book. Challenge: Add fronted adverbials.</p>	<p><u>LO: To revise column addition</u></p> <p>Create your own 3 and 4 digit numbers, add two together using column addition. E.g. 1821 + 8282</p> <p>Try at least 15 of these. Check your answers on a calculator or with an adult.</p> <p style="text-align: center;">Challenge: Try this and create your own like this.</p> <div style="text-align: center;"> <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td style="width: 50px; height: 20px;"></td></tr> </table> = 3,450 + 1,650 </div>		<p><u>Art LO: To create a self-portrait</u></p> <p>Using pencil, paint or any other art resources you have, create a self-portrait. You may wish to use a mirror or take a photo first.</p> <p>Take your time to use correct proportions.</p> <p>Watch a 'how to' self-portrait YouTube video if you are finding this difficult.</p>								
2	<p><u>LO: To create a word bank of interesting adjectives and verbs</u></p> <p>Create your own word bank linked to your book. Make a list of interesting adjectives to describe the setting and characters. Make a list of powerful verbs to describe how the characters move. Make a list of fronted adverbials to start sentences linked to the book. E.g. Leon and the Place Between.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Adjectives</th> <th style="text-align: center;">Verbs</th> <th style="text-align: center;">Fronted Adverbials</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">glimmering</td> <td style="text-align: center;">dashed</td> <td style="text-align: center;">Beneath the curtain,</td> </tr> <tr> <td style="text-align: center;">golden</td> <td style="text-align: center;">plummeted</td> <td style="text-align: center;">Next to the man,</td> </tr> </tbody> </table>	Adjectives	Verbs	Fronted Adverbials	glimmering	dashed	Beneath the curtain,	golden	plummeted	Next to the man,	<p><u>LO: To revise column subtraction</u></p> <p>Create your own 3 and 4 digit numbers, add two together using column subtraction. Remember the largest number needs on top. E.g. 4582 + 848</p> <p>Try at least 15 of these. Check your answers on a calculator or with an adult.</p>	<p><u>DT LO: To build and reinforce structures</u></p> <p>Raid your recycling bin. Can you use some of the skills we have been practising in DT to create your own structure or vehicle?</p>
Adjectives	Verbs	Fronted Adverbials										
glimmering	dashed	Beneath the curtain,										
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3	<p><u>LO: To write a setting description using at least 5 interesting adjectives, verbs and fronted adverbials.</u></p> <p>Use yesterday's word bank to write a paragraph or two about the setting of your book. Include a minimum of 5 from each column. Take time to remember correct punctuation and neat, joined handwriting.</p>	<p><u>LO: To revise column multiplication</u></p> <p>Create calculations that multiply a 3 digit number by a 1 digit number. E.g. 456 x 7 using the column multiplication method.</p> <p>Try at least 15+ of these. Check your answers on a calculator or with an adult.</p>	<p><u>DT LO: To evaluate a DT project</u></p> <p>Look carefully at your project. Create 5 questions to ask your family about your creation.</p> <p>E.g. From 1 – 5, rate the stability of my bridge. From 1 – 5, rate the design of my bridge.</p>									

			After you have got your feedback, take some time to make changes or create another, improved design.									
4	<p><u>LO: To practise creating speech between two characters using inverted commas correctly</u></p> <p>Write a conversation between two or more characters using inverted commas correctly. E.g.</p> <p>“Are you feeling brave?” asked the magician. “Yes,” Leon replied nervously.</p>	<p><u>LO: To revise dividing using the bus stop method</u></p> <p>Create calculations with 2 or 3 digits divided by 1 digit numbers. E.g. $78 \div 3 =$ E.g. $122 \div 5 =$</p> $\begin{array}{r} 51\text{ r}5 \\ 7 \overline{)362} \\ \underline{35} \\ 12 \\ \underline{10} \\ 20 \\ \underline{20} \\ 0 \end{array}$ <p>Check your answers after completing 5. If you have got them correct, keep going. If not, work out where you have made a mistake or watch a bus stop division Youtube video to help.</p> <p>$362 \div 7 = 51 \text{ r}5$</p>	<p><u>Science LO: To revise light and sound</u></p> <p>Answer these questions... (if you have forgotten, watch sound YouTube videos first to recap).</p> <ol style="list-style-type: none"> 1. Name 3 light sources. 2. What is a natural light source? What is a manmade light source? 3. What causes shadows? 4. How is sound made? 5. How do we hear sound? <p>Challenge: Create your own light or sound experiment and record the findings.</p>									
5	<p><u>LO: To retell a story using interesting vocabulary and inverted commas</u></p> <p>Today, you will use this week’s practice lessons to write a story. You could retell the book you have focused on this week or make changes to make the story your own.</p> <p>Steps to Success:</p> <ol style="list-style-type: none"> 1. Correct punctuation. 2. Interesting adjectives and verbs. 3. Fronted adverbials with commas. 4. Inverted commas punctuated correctly. 5. At least four paragraphs. 	<p><u>LO: To multiply 3 numbers</u></p> <p>Choose 3 one digit numbers and multiply them together. Use a dice to choose the numbers if you have one. If you are finding this tricky, choose one digit numbers between 1 – 5.</p> <p>E.g. $4 \times 3 \times 2 = 24$</p>	<p><u>Geography LO: To research a different country in Europe.</u></p> <p>Can you find out about a different country in Europe? What are the similarities and differences between that country and the UK?</p> <p>Draw pictures to support your research.</p>									
6	<p><u>LO: To proof read for punctuation and spellings</u></p> <p>Get an adult or older sibling to read through your story. Ask them to highlight or write down all of the spellings that you got incorrect.</p> <p>Edit your story with the correct spellings, and then use ‘rainbow spellings’ or ‘pyramids’ to practice them so you definitely know them next time.</p>	<p><u>LO: To calculate fractions of amounts</u></p> <table style="border-collapse: collapse; margin-left: auto; margin-right: auto;"> <tr> <td style="border-right: 1px solid black; padding: 0 10px;">$\frac{3}{7}$ of 56 =</td> <td style="border-right: 1px solid black; padding: 0 10px;">$\frac{4}{5}$ of 10 =</td> <td>$\frac{1}{2}$ of 12 =</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 0 10px;">$\frac{5}{8}$ of 16 =</td> <td style="border-right: 1px solid black; padding: 0 10px;">$\frac{1}{2}$ of 16 =</td> <td>$\frac{2}{3}$ of 24 =</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 0 10px;">$\frac{5}{7}$ of 7 =</td> <td style="border-right: 1px solid black; padding: 0 10px;">$\frac{1}{9}$ of 27 =</td> <td>$\frac{1}{2}$ of 6 =</td> </tr> </table> <p>Complete these above and then create your own 10 using unit and non-unit fractions.</p>	$\frac{3}{7}$ of 56 =	$\frac{4}{5}$ of 10 =	$\frac{1}{2}$ of 12 =	$\frac{5}{8}$ of 16 =	$\frac{1}{2}$ of 16 =	$\frac{2}{3}$ of 24 =	$\frac{5}{7}$ of 7 =	$\frac{1}{9}$ of 27 =	$\frac{1}{2}$ of 6 =	<p><u>History LO: To research Mayan civilisations</u></p> <p>After the Easter holidays, we will be learning about the Mayan civilisations. Get a head start and create a research project on them.</p> <p>When were they around? Where were they based? What are they famous for?</p>
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7	<p><u>LO: To plan your own story</u></p> <p>Use a story map or comic strip to make up your very own story. It could involve animals, people or even made up creates.</p> <p>Make sure there is a clear beginning, middle and end on your plan.</p>	<p><u>LO: To add and subtract fractions from whole numbers</u></p> <p>Create calculations where you subtract a fraction from a whole number. E.g. 1 whole – 5/9 = $1 - \frac{5}{9} = \frac{4}{9}$ (Four ninths). Below are some to start you off...</p> <p style="text-align: center;"> $1 - \frac{2}{4} =$ $1 - \frac{6}{12} =$ $1 - \frac{3}{3} =$ $2 - \frac{1}{4} =$ $2 - \frac{5}{11} =$ </p>	<p><u>Art LO: To create an observational drawing</u></p> <p>Choose a household object or the view from a room in your house. Take time to look at what the object really looks like.</p> <p>Use pencil, create an observational drawing that uses shade, shadow and correct sizing. Your picture should not look like a cartoon but actually what is in front of you.</p> <p>Take feedback from your family and edit or restart to improve your skills.</p>
8	<p><u>LO: To use drama to plan a story</u></p> <p>Use your story map from yesterday to verbally tell or act out your story to your family. You might want to use your siblings or relatives to help you act it out.</p>	<p><u>LO: To balance equations</u></p> <p>Balancing equations meaning make the same total on either side of the equals sign. E.g. $4 + 4 = 3 + 5$</p> <p style="text-align: center;">Try these...</p> <p style="text-align: center;"> $\underline{\quad} + \underline{\quad} = 3450 + 3050$ $5000 - \underline{\quad} = 8 \times 8$ $\frac{1}{8} + \underline{\quad} = 1 \text{ whole}$ $345 - 12 = 499 - \underline{\quad}$ </p> <p style="text-align: center;">Challenge:</p> <p style="text-align: center;"> $\frac{5}{12} + \frac{11}{12} = \boxed{\quad} + \frac{1}{12}$ $345 \times 8 = 3,450 - \boxed{\quad}$ $40 \div 5 = \boxed{\quad} \times 2$ </p>	<p><u>Geography LO: To name and locate countries and cities in the United Kingdom</u></p> <p>Create your own map of the United Kingdom. Label the four countries within the UK and add at least 7 cities.</p> <p>Challenge: Define the following...</p> <ol style="list-style-type: none"> 1. Continent. 2. Country. 3. City
9	<p><u>LO: To create a word bank of interesting adjectives and verbs</u></p> <p>Create your own word bank linked to your story. Make a list of interesting adjectives to describe the setting and characters. Make a list of powerful verbs to describe how the characters move. Make a list of fronted adverbials to start sentences linked to the book.</p> <p>Use last week's example for ideas.</p>	<p><u>LO: To round numbers to the nearest 10 and 100</u></p> <p>First, make a list of twenty 3 and 4 digit numbers down the left hand side of your page that do not have a zero in the ones column. E.g. 4576.</p> <p>Then round every number to the nearest 10 and 100. E.g. For 4576, the nearest 10 would be 4580 and the nearest hundred would be 4600.</p>	<p><u>Computing LO: To debug a program</u></p> <p>Google 'Code Course 1' and click the link. https://studio.code.org/s/course1</p> <p>Spend at least 45 minutes going through the courses, which get harder as you go to practise your coding and debugging skills.</p>
10	<p><u>LO: To write a story using a range of fronted adverbials</u></p>	<p><u>LO: To measure ingredients</u></p>	<p><u>PE LO: To increase our heart rate</u></p>

	<p>Now that you have planned and practised your story, write it. Remember to break it down into paragraphs.</p> <p>Steps to Success:</p> <ol style="list-style-type: none"> 1. At least 6 different fronted adverbials with commas. 2. Correct punctuation. 3. Adjectives to describe. 4. Inverted commas. 5. Neat, cursive handwriting. 6. At least 6 paragraphs. 	<p>Make a recipe (real or fake) using different ingredients. Can you measure them? Can you record the recipe?</p> <p>e.g. Porridge = 75g oats 100ml of milk 1 tbsp of honey 50g of raspberries</p>	<p>Can you make up an exercise routine that increases your heart rate? You could include:</p> <ul style="list-style-type: none"> -star jumps - high knees - running on the spot - skipping - keepy uppy in the garden <p>Find someone in your house to teach the routine to. You can add some background music too!</p>
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